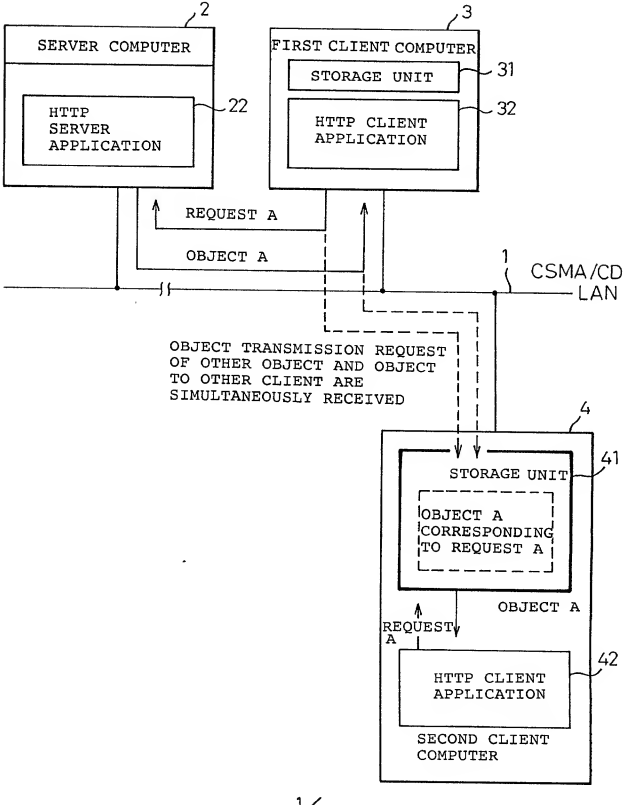
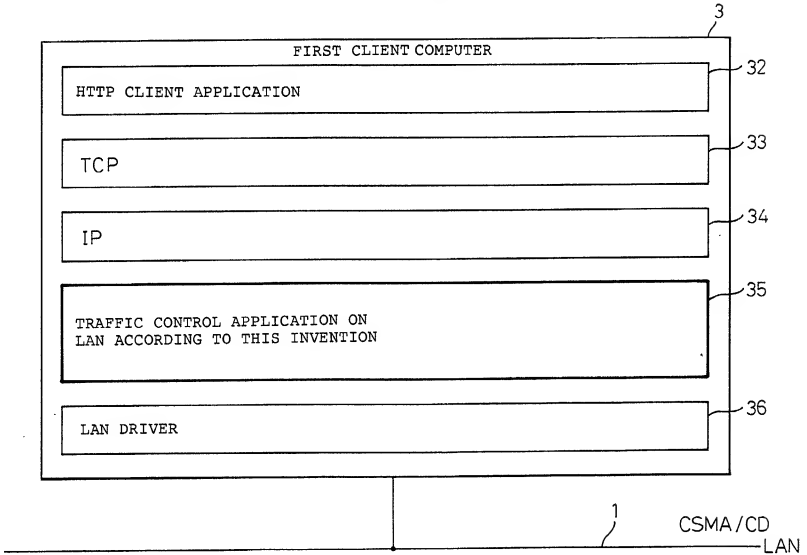
Fig.1


2
SERVER COMPUTER
HTTP SERVER APPLICATION
22
3
FIRST CLIENT COMPUTER
STORAGE UNIT
31
HTTP CLIENT APPLICATION
32
REQUEST A
OBJECT A
1
CSMA/CD LAN
OBJECT TRANSMISSION REQUEST OF OTHER OBJECT AND OBJECT TO OTHER CLIENT ARE SIMULTANEOUSLY RECEIVED
4
STORAGE UNIT
41
OBJECT A CORRESPONDING TO REQUEST A
OBJECT A
REQUEST A
HTTP CLIENT APPLICATION
42
SECOND CLIENT COMPUTER

TOTOTT "4862000T

Fig.2



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Sheet 2 of 6
(312) 360 0080

EUROPEAN PATENT APPLICATION

Fig. 3A

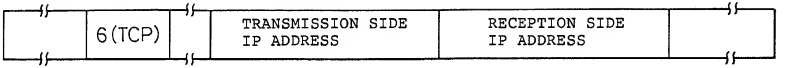


Fig. 3B

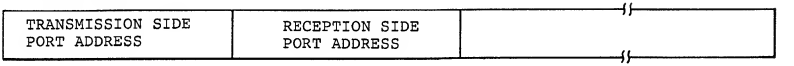


Fig. 3C

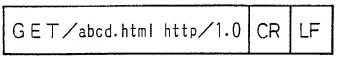
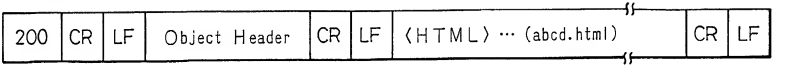


Fig. 3D



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Oblon, Spivak, & Clein, Ltd. (Patrick G. Burns)
Ref. No. 2760.1539
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PATENT APPLICATION

Fig. 4

Fig.5

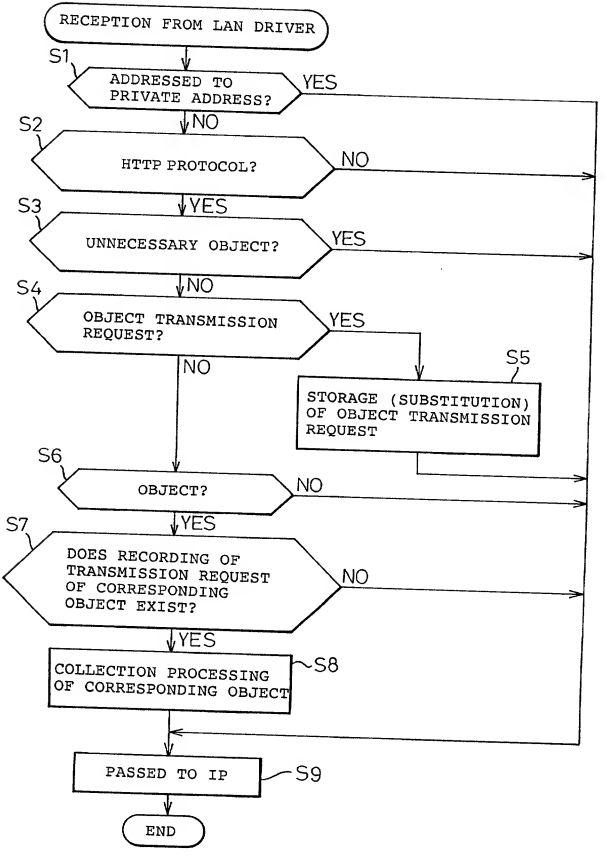
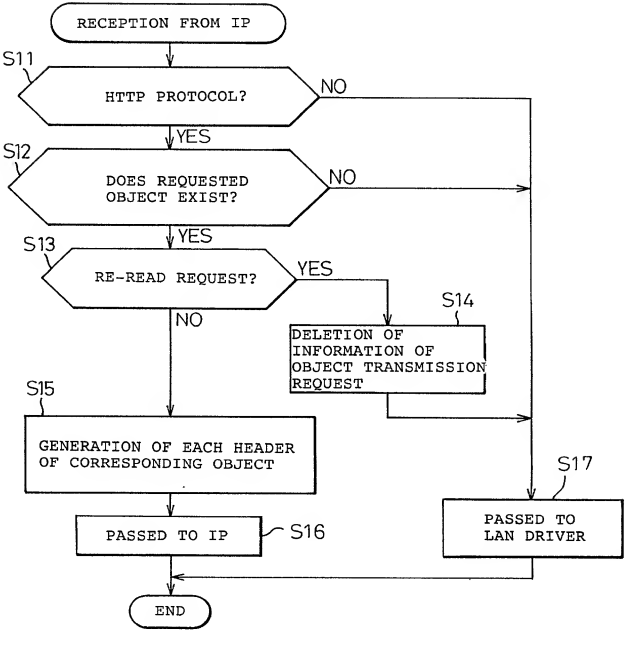

RECEPTION FROM LAN DRIVER
S1
ADDRESSED TO PRIVATE ADDRESS?
YES
NO
S2
HTTP PROTOCOL?
NO
YES
S3
UNNECESSARY OBJECT?
YES
NO
S4
OBJECT TRANSMISSION REQUEST?
YES
NO
S5
STORAGE (SUBSTITUTION) OF OBJECT TRANSMISSION REQUEST
S6
OBJECT?
NO
YES
S7
DOES RECORDING OF TRANSMISSION REQUEST OF CORRESPONDING OBJECT EXIST?
NO
YES
COLLECTION PROCESSING OF CORRESPONDING OBJECT
S8
PASSED TO IP
S9
END

Fig.6


RECEPTION FROM IP
S11
HTTP PROTOCOL?
NO
YES
S12
DOES REQUESTED OBJECT EXIST?
NO
YES
S13
RE-READ REQUEST?
YES
NO
S14
DELETION OF INFORMATION OF OBJECT TRANSMISSION REQUEST
S15
GENERATION OF EACH HEADER OF CORRESPONDING OBJECT
S17
PASSED TO LAN DRIVER
PASSED TO IP
S16
END